Applicant: Vincent P. Stanton, Jr.

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31. The probe of claim 27 wherein the probe comprises DNA and at least one nucleic acid analog.

- 32. The probe of claim 27 wherein the probe comprises a peptide nucleic acid.
- 33. The probe of claim 27 wherein the probe further comprises a detectable label.

34. The probe of claim 33 wherein the label is a fluorescent label.

